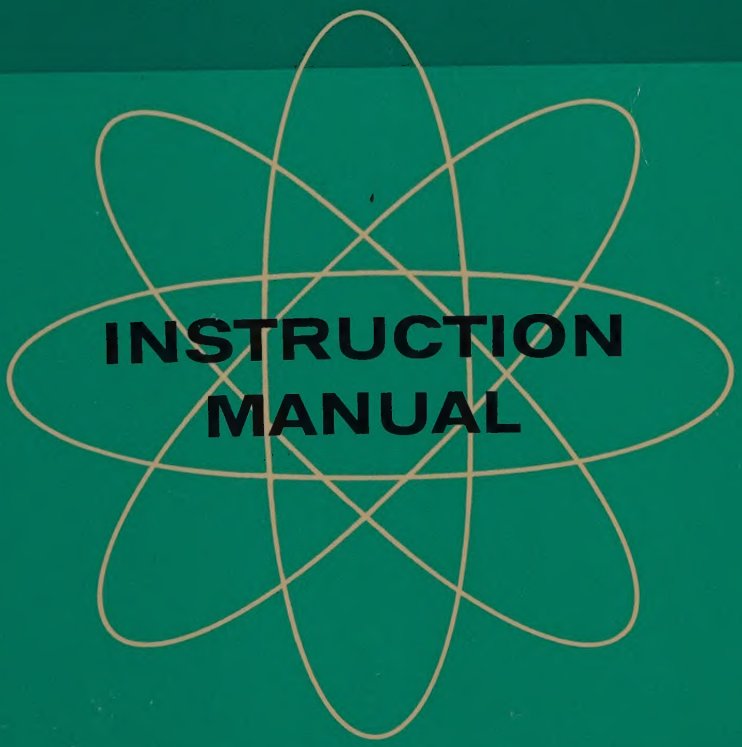
MODEL

S-10-B

LING ELECTRONICS



MP MASTER

MA34225

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-10-B	☒ BASIC ☐ SUPPLEMENT	3120	41850				

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION (SN 383-393)	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	QTY SHO
	4090-4	Schematic			--	--				
		Silk Screen Drawings								
	2053	Engraving-Term. Mtg. Bd. Pt. #2120B			--	--				
	3096B	Front Panel-Pt. #3017C			--	--				
	4671C	Chassis-Pt. #4003M			--	--				

RELEASED BY ENGINEERING

FOR 3120 DATE 8-24-62

ENGR. Bell Sala

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly = A Oc

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	Q SH
	4003P	Chassis - Servo Amp Control			1	1				
	3017C	Front Panel			1	1				
	3010-1E	Chassis Bracket - L.H.			1	1				
	3010-2E	Chassis Bracket - R.H.			1	1				
	2113C	Cable Holder			1	1				
	2120B	Terminal Mtg. Board, #10			1	1				
	2145E	Bracket - Magnetic Shield			1	1				
	3167C	Shield - Servo Amp Control			1	1				
	3266C	R.C. Card #1			1	1				
	3272C	R.C. Card #2			1	1				
	20420B	Nameplate, Patents			1	1				

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS: (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly = A

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	30673D	Bottom Plate			1	1			
		Clip Fuse 1/2"	IL	107002	8	8			
		Clip Fuse 1"	IL	055-3	9	9			
		Fuse Holder	LI	342001	1	1			
		Grommet, Rubber	RBC	9	2	2			
		Insulator, Standoff	J	135-501	1	1			
		Knob, Skirted	GLA	620 SS	1	1			
		Lock, Thumb Type	SMI	182	5	5			
		Spacer, St. Cad. ½" x 2" Threaded 10-32			8	8			
		Terminal Standoff	LEK	6040	11	11			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	QTY SHO
	C1	Capacitor, Mylar Paper 0.47 µfd 400V	PY	111-4P47	1	6				
	C2	Capacitor oil filled 10 µfd 400V w/type B Bracket	SA	7104-1010	1	1				
	C3	Capacitor oil filled 4 µfd 400V w/type A Bracket	SA	7104-4.0	1	1				
	C4	Capacitor, Mylar Paper 0.22 µfd 400V	PY	111-4P22	1	2				
	C5	Capacitor, Mylar Paper 0.22 µfd 400V	PY	111-4P22	1	--				
	C6	Capacitor, Mylar Paper 0.022 µfd 400V	PY	111-4S22	1	1				
	C7	Capacitor, Mica 82µµfd 500V	AR	14F717	1	1				
	C8	Capacitor, Metal Paper 6 µfd 150V	WP	44M1J605	1	1				
	C9	Capacitor, Mylar Paper 0.47 µfd 400V	PY	111-4P47	1	--				
	C10	Capacitor, Mylar Paper 0.01 µfd 400V	PY	111-4S1	1	2				
	C11	Capacitor, Mylar Paper 0.47 µfd 400V	PY	111-4P47	1	--				
	C12	Capacitor, Mylar Paper 0.047 µfd 400V	PY	111-4S47	1	3				

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-10-3	☐ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	SI
	C13	Capacitor, Mylar Paper 0.047 µfd 400V	PY	111-4S47	1	--				
	C14	Capacitor, Mylar Paper 0.47 µfd 400V	PY	111-4P47	1	--				
	C15	Capacitor, Mylar Paper 0.47 µfd 400V	PY	111-4P47	1	--				
	C16	Capacitor, Mylar Paper 0.1 µfd 400V	PY	111-4P1	1	3				
	C17	Capacitor, Mylar Paper .47 µfd 400V	PY	111-4P47	1	--				
	C18	Capacitor, Mylar Paper 0.1 µfd 600V	PY	111-6P1	1	1				
	C19	Capacitor Oil filled 10 µfd 600V w/type B Bracket	SA	7106-10.0	1	2				
	C20									
	C21									
	C22	Capacitor, Oil filled 10 µfd 600V w/type A Bracket	SA	7106-10.0	1	--				
	C23	Capacitor .01 µfd 400V	PY	111-4S1	1	--				
	C24	Capacitor, Mylar Paper .1 µfd 400V	PY	111-4P1	1	--				

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING ELECTRONICS — ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	QTY SHO
	C25	Capacitor, Mylar Paper .1 mf 400V	PY	111-4P1	1	--				
	C26	Capacitor, Electrolytic 40 µf 450V	Sr	TVA-1712	1	1				
	C27	Capacitor, Electrolytic 20 µf 600V	SP	TVA-1966	1	2				
	C28	Capacitor, Electrolytic 20 µf 600V	SP	TVA-1966	1	--				
	C29	Capacitor, Mylar Paper .047 400V	PY	111-4S47	1	--				
	F1	Fuse 2 Amp - 250V - 3AG	LI	312002	1	1				
	IS1	Indicator 6V Red	DI	91410-931	1	1				

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly = A

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	QTY SHO
	J1	Receptacle, Female	CAN	XLR-3-13	1	1				
	J2	Receptacle, Male	CAN	XLR-3-14	1	1				
	J3	Jack, Phone	MA	A-2 closed circuit	1	2				
	J4	Jack, Phone	MA	A-2 closed circuit	1	--				
	L1	Choke 15 HY at 40 MA	CH	RS-1540	1	2				
	L2	Choke 15 HY at 40 MA	CH	RS-1540	1	--				
	M1	Meter Calib. 40 - DB For Aluminum Panel	WE	RX-35	1	1				
		0-1 MA DC (Ref. Qual #7242)								

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING — ENGINEERING PARTS LIST — REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	R	Resistor, Composition 100K, 1W, 10%	AB		1	3			
	R2	Resistor, Composition 1.5K 1/2W 10%	AB		1	1			
	R3	Resistor, Composition 51K, 1W, 5%	AB		1	7			
	R4	Resistor, Composition 51K, 1W, 5%	AB		1	--			
	R5	Resistor, Composition 1.5 Meg., 1/2W, 5%	AB		1	2			
	R6	Resistor, Composition 100K, 1/2W, 10%	AB		1	2			
	R7	Resistor, Composition 100K, 1/2W, 10%	AB		1	--			
	R8	Resistor, Composition 1.5 Meg., 1/2W, 5%	AB		1	--			
	R9	Resistor, Composition 470K, 1W, 10%	AB		1	2			
	R10	Resistor, Composition 150 ohm, 1W, 5%	AB		1	2			
	R11	Resistor, Deposited Carbon 80.6K, 1W, 1%	Electra	DC-1-80.6K	1	2			
	R12	Resistor, Deposited Carbon 80.6K, 1W, 1%	Electra	DC-1-80.6K	1	--			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	R13	Resistor, Composition 47K, 1W, 5%	AB		1	1			
	R14	Resistor, Composition 150 ohm, 1W, 5%	AB		1	--			
	R15	Resistor, Composition 180 ohm, 1W, 10%	AB		1	1			
	R16	Resistor, Deposited Carbon 1M, 1W, 1%	Electra	DC1-1 Meg	1	4			
	R17	Potentiometer, Wirewound 500 ohm, 4W	MA	M500PK	1	1			
	R18	Resistor, Deposited Carbon 1 Meg., 1W, 1%	Electra	DC1-1 Meg.	1	--			
	R19	Resistor, Deposited Carbon 499K, 1W, 1%	Electra	DC1-499K	1	2			
	R20	Resistor, Deposited Carbon 499K, 1W, 1%	Electra	DC1-499K	1	--			
	R21	Resistor, Composition 39K, 1W, 10%	AB		1	1			
	R22	Resistor, Deposited Carbon 49.9K, 1W, 1%	Electra	DC1-49.9K	1	3			
	R23	Resistor, Deposited Carbon 49.9K, 1W, 1%	Electra	DC1-49.9K	1	--			
	R24	Resistor, Deposited Carbon 49.9, 1W, 1%	Electra	DC1-49.9K	1	--			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	R25	Resistor, Deposited Carbon 1 Meg., 1w, 1%	Electra	DC1-1 Meg.	1	--			
	R26	Resistor, Composition 100K, 1/2W, 5%	AB		1	1			
	R27	Resistor, Deposited Carbon 1 Meg., 1W, 1%	Electra	DC1-1 Meg.	1	--			
	R28	Resistor, Composition 1 Meg., 1/2W, 10%	AB		1	6			
	R29	Resistor, Composition 10K, 2W, 5%	AB		1	1			
	R30	Resistor, Composition 220Ω, 1/2W, 10%	AB		1	1			
	R31	Resistor, Wirewound 10K 5W	O	Brown Devil	1	1			
	R32	Resistor, Wire Wound Noninductive 4K, 5W	SP	453E4025	1	1			
	R33	Potentiometer, Composition 5K, 2W, Linear	O	CLU-5021	1	1			
	R34	Resistor, Composition 10K, 1/2W, 10%	AB		1	1			
	R35	Resistor, Composition 1 Meg., 1/2W, 10%	AB		1	--			
	R36	Resistor, Composition 220K, 1W, 10%	AB		1	1			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING ELECTRONICS — ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	Q SH
	R37	Resistor, Wire Wound 2.2K, 1%	Dalohm	RS1B	1					
	R38	Resistor, Composition 4.7K, 1/2W, 10%	AB		1	1				
	R39	Resistor, Composition 51K, 1W, 5%	AB		1	--				
	R40	Resistor, Composition 2.2K, 1/2W, 10%	AB		1	--				
	R41	Resistor, Composition 1 Meg., 1/2W, 10%	AB		1	--				
	R42	Resistor, Composition 1 Meg., 1/2W, 10%	AB		1	--				
	R43	Resistor, Composition 51K, 1W, 5%	AB		1	--				
	R44	Resistor, Composition 2.2K, 1/2W, 10%	AB		1	--				
	R45	Resistor, Composition 51K, 1W, 5%	AB		1	--				
	R46	Resistor, Composition 510K, 1/2W, 5%	AB		1	2				
	R47	Resistor, Composition 3.3K, 1/2W, 10% Nom. Value	AB		1	1				
	R48	Resistor, Composition 470K, 1/2W, 10%	AB		1	1				

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

CODE: Purchase = P Fabrication = F Assembly = A

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY/ASSY	QTY/UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	R49	Resistor, Composition 82K, 1/2W, 10%	AB		1	1			
	R50	Resistor, Composition 1 Meg., 1/2W, 10%	AB		1	--			
	R51	Resistor, Composition 1 Meg., 1/2W, 10%	AB		1	--			
	R52	Resistor, Composition 1.8K, 1W, 10%	AB		1	2			
	R53	Resistor, Composition 51K, 1W, 5%	AB		1	--			
	R54	Resistor, Composition 51K, 1W, 5%	AB		1	--			
	R55	Resistor, Composition 1.8K, 1W, 10%	AB		1	--			
	R56	Potentiometer, Wire wound 50K, 4W	MA	M50MPR	1	1			
	R57	Resistor, Composition 56K, 2W, 10%	AB		1	1			
	R58	Resistor, Composition 36K, 2W, 5%	AB		1	1			
	R59	Resistor, Composition 470K, 1W, 10%	AB		1	-			
	R60	Resistor, Composition 120K, 1W, 10%	AB		1	2			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	☐ BASIC ☐ SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-10-B							

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO:	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	R61	Potentiometer, Locking Type 50K, 2W, Linear Taper	0	CLU-5031	1	1			
	R62	Resistor, Composition 120K, 1W, 10%	AB		1	--			
	R63	Resistor, Composition 510K, 1/2W, 5%	AB		1	--			
	R64	Resistor, Composition 36K, 1W, 5%	AB		1	1			
	R65								
	R66	Resistor, Composition 150K, 1W, 10%	AB		1	1			
	R67	Resistor, Composition 68K, 1W, 10%	AB		1	1			
	R68	Potentiometer, Wirewound 100 ohm 4W	MA	ML00PK	1	1			
	R69	Resistor, Composition 470 ohm, 1W, 10%	AB		1	1			
	R70	Resistor, Composition 22 Meg., 1/2W, 10%	AB		1	1			
	R71	Potentiometer 20K Trimpot Jr.	BOU	220-1-203	1	2			
	R72	Potentiometer 20K Trimpot Jr.	BOU	220-1-203	1	--			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG. PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	R73	Resistor, Wirewound 7.5K, 10W	0	Brown Devil	1	1			
	R74	Resistor, Composition 15K, 1W, 10%	AB		1	1			
	R75	Resistor, Composition 100K, 1W, 10%	AB		1	--			
	R76	Resistor, Composition 10K, 1W, 10%	AB		1	--			
	R77	Resistor, Composition 1.2 Meg, 1W, 10%	AB		1	1			
	R78	Resistor, Composition 330K, 1W, 10%	AB		1	1			
	S1	Switch, Rotary, 1 Deck 2 poles, 3 position Shorting Type	CRL	SH2504	1	1			
	T1	Transformer, Power	CH	PSC-105	1	1			
	TB1	Barrier Strip	CJ	10-142Y	1	1			
		Marker Strip	CJ	12-142	1	1			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES 100 ALTERNATE HEADINGS ①PURCHASE ORDER ②ESTIMATED DELIVERY CODE: Purchase = P Fabrication = F Assembly = A

LING ELECTRONICS — ENGINEERING PARTS LIST — REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	V1	Tube 6SN7-GTB	RCA	6SN7-GTB	1	5			
	V2	Tube 6L7	RCA	6L7	1	2			
	V3	Tube 6L7	RCA	6L7	1	--			
	V4	Tube 6SN7-GTB	RCA	6SN7-GTB	1	--			
	V5	Tube 5687	RCA	5687	1	1			
	V6	Tube 6SN7-GTB	RCA	6SN7-GTB	1	--			
	V7	Tube 6SN7-GTB	RCA	6SN7-GTB	1	--			
	V8	Tube 6SN7-GTB	RCA	6SN7-GTB	1	--			
	V9	Tube 6H6	RCA	6H6	1	2			
	V10	Tube 6H6	RCA	6H6	1	--			
	V11	Tube OC3/VR105	RCA	OC3/VR105	1	1			
	V12	Tube 6SH7	RCA	6SH7	1	1			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY CODE: Purchase = P Fabrication = F Assembly = A

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-10-B	[x] BASIC [ ] SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	SH
	V13	Tube 6Y6G	RCA	6Y6G	1	1				
	V14	Tube 5Y3GT	RCA	5Y3G.	1	1				
	X1	Socket, Tube Octal	AMP	77MIP-8T	1	13				
	X2	Socket, Tube Octal	AMP	77MIP-8T	1	--				
	X3	Socket, Tube Octal	AMP	77MIP-8T	1	--				
	X4	Socket, Tube Octal	AMP	77MIP-8T	1	--				
	X5	Socket, Tube 9 Pin	ELCO	TS-103P01	1	1				
	X6	Socket. Tube Octal	AMP	77MIP-8T	1	--				
	X7	Socket, Tube Octal	AMP	77MIP-8T	1	--				
	X8	Socket, Tube Octal	AMP	77MIP-8T	1	--				

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly = A O

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	X9	Socket, Tube Octal	AMP	77MIP-8T	1	--			
	X10	Socket, Tube Octal	AMP	77MIP-8T	1	--			
	X11	Socket, Tube Octal	AMP	77MIP-8T	1	--			
	X12	Socket, Tube Octal	AMP	77MIP-8T	1	--			
	X13	Socket, Tube Octal	AMP	77MIP-8T	1	--			
	X14	Socket, Tube Octal	AMP	77MIP-8T	1	--			
		Shield, Tube	[illegible]	[illegible]	1	1			
		Insert, Tube Shield Heat Dissipating	[illegible]	[illegible]	1	1			
	Grid Caps		AMP	63-1	2	2			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly = A

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	☒ BASIC ☐ SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-12-D		2984	41650	15			

REF. SYMBOL DESIGNATION	DWG. PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	41647	Schematic			--	--			
		Silk Screen Drawings							
	30307	Front Panel for Part No. 41140			--	--			
	47250	Chassis for Part No. 50300			--	--			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly = A

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
5-12-D	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	5016 W	Chassis Rack (silkscreen per dwg. 4725C)			(1)	(1)			
501b-2	2121	Terminal Board			1	1			
	41140	Front Panel (silkscreen per dwg. 3030F)			1	1			
	4113-P1	Side Panel, L.H.			1	1			
	4113-P2	Side Panel, R.H.			1	1			
	2069-3	Holder, Condenser - Top			2	2			
	2069-5	Holder Condenser - Bottom			2	2			
	2170	Cable Holder			1	1			
	2560A	Meter Card			2	2			
	3214A	P.C. Card #2			1	1			
	3220	P.C. Card #1			1	1			
	3208	Name Plate, Patents			1	1			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE. Purchase = P Fabrication = F Assembly = A

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
3-12-D	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ	QTY ISSUED
	20638	Shield, Switch			1	1			
	20295A	Shield, Switch housing (Modify per dwg. 20295A)		[illegible]	1	1			
		Clip, Fuse - ½"	[illegible]	[illegible]	9	9			
		Clip, Fuse - 3/4"	IL	C-15	2	2			
		Fuse Holder - 3AG	[illegible]	[illegible]	1	1			
		Insulator Feed Thru	[illegible]	[illegible]	3	3			
		Insulator, Stand off - Nylon 3/8" x 1/2" x 8-32			2	2			
		Washer, Fiber 3/8"I.D. x 5/8" O.D. x [illegible] extruded	Walsco		1	1			
		Insulator, Stand off	[illegible]	6343	9	9			
		Grommet, Rubber	[illegible]	[illegible]					
		Insulator, Stand off	J	[illegible]	1	1			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY
3			

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
[illegible]	☒ BASIC ☐ SUPPLEMENT						

REF SYMBOL DESIGNATION	DWG PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
		Knob, Skirted	GLA	620 Ss	1	1			
		Washer, Flat Fiber			1	1			
		Lock, Pot Thumb Type	SMI	182	2	2			
		Spacer, Stl Brite Cad 1/2" x 2" Threaded 10-32			4	4			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-12-D	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY ISSUED
	C1	Capacitor, Mylar paper .047 µfd 400V	PY	111-4547	1	2			
	C2	Capacitor, Mylar paper .047 µfd 400V	PY	111-4547	1	--			
	C3	Capacitor, .001 µfd 500V 5%	[illegible]	[illegible]	1	1			
	C4	Capacitor, Oil filled paper 1.0 µfd 1KV w/type A Bracket	SA	711-1.0	1	2			
	C5	Capacitor, Mylar paper 0.1 µfd 400V	PY	111-4P1	1	6			
	C6	Capacitor, Mylar paper 0.1 µfd 400V	PY	111-[illegible]	1	--			
	C7	Capacitor, Metalized paper 2.0 µfd 400V	H2	[illegible]40	--	3			
	C8	Capacitor, 0.1 µfd 400V	PY	111-4P1	1	--			
	C9	Capacitor, Oil filled paper 10 µfd 400V w/type A Brackets	SA	710-10.0	1	--			
	C10	Capacitor, Oil filled paper 1.0 µfd 1KV w/type A Bracket	SA	711-1.0	1	--			
	C11	Capacitor, Mylar paper 0.1 ufd 400V	PY	111-[illegible]	1				
	C12	Capacitor, Mylar paper 0.1 µfd 600V	P[illegible]	111-[illegible]	1	1			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

CODE: Purchase = P Fabrication = F Assembly = A

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	☒ BASIC ☐ SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-142-0							

REF. SYMBOL DESIGNATION	DWG./PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	C13	Capacitor, paper 0.47 µfd 600V	WP	18M6474-3	1	3			
	C14	Capacitor 10 µfd 600V w/type A Bracket	SA	7106-10.0	1	2			
	C15	Capacitor 10 µfd 400V w/type A Bracket	SA	7104-10.0	1	--			
	C16	Capacitor 10 µfd 600V w/type A Bracket	SA	7106-10.0	1	--			
	C17	Capacitor, Mylar paper 1.1 µfd 400V	MY	111-4P1	1	--			
	C18								
	C19								
	C20	Capacitor, paper 0.47 µfd, 600V	WP	18M6474-3		--			
	C21	Capacitor, Electrolytic 1000 µfd 12V	SP	TVA-1133	1	2			
	C22	Capacitor 6.0 µfd 600V w/type A Bracket	SA	7106-6.0	1	1			
	C23	Capacitor, paper 0.47 µfd 600V	WP	18M6474-3	1	--			
	C24	Capacitor, Electrolytic 1000 µfd 12V	SP	TVA-1133	1	--			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-102 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly = A

ENGINEERING PARTS LIST

REQ. NO.

MODEL	☒ BASIC ☐ SUPPLEMENT	E-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
[illegible]-2-D						

REF. SYMBOL DESIGNATION	DWG. PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	C25	Capacitor 10 µfd 400V w/Type A Bracket	SA	7104-10.0	1	--			
	C26	Capacitor 4 µfd 400V w/ Type A Bracket	SA	7104-4.0	1	1			
	C27	Capacitor, Metalized 1.0 µfd. 400V	HP	1P4D	1	2			
	C28	Capacitor, Metalized 1.0 µfd 400V	HP	1P4D	1	--			
	C29	Capacitor, Mylar 0.1 µfd 400V	PY	111-[illegible]P1	1	--			
	C30	Capacitor, Metalized 2 µfd 400V	HP	2P4D	1	--			
	C31	Capacitor, Metalized 2 µfd 400V	HP	2P4D	1	--			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

CODE: Purchase = P Fabrication = F Assembly =

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-12-D	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ	QTY ISSUED	QTY SHIP
	J1	Connector, Input	CAN	XLR-3-13	1	3				
	J2	Connector, Input	CAN	XLR-3-13	1	--				
	J3	Connector, Input	CAN	XLR-3-13	1	--				
	J4	Connector, Input	CAN	RWK-6-31SL	1	1				
	J4B	Connector, Input	AMPH	DG1094/u	1	1				
	L1	Choke 15 HY at 90 MA	T	C7X	1	1				
	M1	Meter, Log Movement - Displacement 10 ua Meter Face Dwg. #10515	WES	Model 861	1	1				
	M2	Meter, Log Movement - Gain 100 ua Meter Face Dwg. #10508	WES	Model 861 (5-50 & 10-130)	1					

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES 100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly = A Ou

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
3-12-0	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY ISSUED
	CR1	Diode, Germanium 1N54	SY		1	--			
	CR2	Diode, Germanium 1N54	SY		1	--			
	CR3	Diode, Germanium 1N54	SY		1	--			
	CR4	Diode, Germanium 1N54	SY		1	--			
	CR5	Diode, Germanium 1N54	SY		1	--			
	CR6	Diode, Germanium 1N54	SY		1	--			
	CR7,8,9,10	Diode, Silicon 1N540	SYL GLC	1N540	4	1			
	F1	Fuse, 3AG, Slo-Blo, 2A	BU	MTH-2	1	1			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY CODE Purchase = P Fabrication = F Assembly

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-12-D	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	R1	Resistor, Composition 1.8K 1/2W, 10%	AB		1	1			
	R2	Resistor, Composition 1 Meg., 1/2W, 10%	AB		1	1			
	R3	Resistor, Composition 7.5K, 1W, 5%	AB		1	1			
	R4	Resistor, Composition 56K, 1W, 5%	AB		1	1			
	R5	Resistor, Composition 1 Meg., 1/2W, 10%	AB		1	--			
	R6	Resistor, Composition 1K, 1W, 10%	AB		1	1			
	R7	Resistor, Composition 68K, 1W, 10%	AB		1	1			
	R8	Resistor, Composition 5.6K, 1/2W, 5%	AB		1	1			
	R9	Resistor, Composition 120K, 1W, 10%	AB		1	1			
	R10	Resistor, Composition 120K, 1W, 10%	AB		1	--			
	R11	Resistor, Composition 2.2K, 1W, 10%	AB		1	1			
	R12	Potentiometer, Linear Taper 10K, 2W	G	[illegible]	1	1			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE: Purchase - P Fabrication - F Assembly -

LING

ENGINEERING PARTS LIST

REQ. NO.

MODEL	☒ BASIC ☐ SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-12-D							

REF. SYMBOL DESIGNATION	DWG PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	R13	Resistor, Composition 2.2M, 1/2W, 10%	AB		1	2			
	R14	Resistor, Composition 2.2K, 1W, 10%	AB		1	--			
	R15	Resistor, Composition 3.3K, 1W, 10% Nom. Value	AB		1	1			
	R16	Resistor, Composition 1 Meg., 1/2W, 10%	AB		1	--			
	R17	Resistor, Composition 120K, 1W, 10%	AB		1	--			
	R18	Resistor, Composition 2.2K, 1W, 10%	AB		1	--			
	R19	Resistor, Composition 1 Meg., 1/2W, 10%	AB		1	--			
	R20	Resistor, Composition 1.2K, 1W, 10%	AB		1				
	R21	Resistor, Composition 33K, 1W, 10%	AB		1	2			
	R22	Potentiometer, Linear Taper 25K, 2W	U	~~C1-2511~~ C1-252	1	1			
	R23	Resistor, Composition 15K, 1W, 10%	AB		1	1			
	R24	Resistor, Composition 51K, 1/2W, 5%	AB		1	1			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-12-D	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG./PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	Q SH
	R25	Resistor, Composition 1 Meg., 1/2W, 10%	AB		1	--				
	R26	Resistor, Composition 120K, 1W, 10%	AB		1	--				
	R27	Resistor, Composition 120K, 1W, 10%	AB		1	--				
	R28	Resistor, Compositi n 2.2K, 1W, 10%	AB		1	--				
	R29	Potentiometer 10K, 2W	0	CLU-1031	1	--				
	R30	Resistor, Composition 2.2 Meg., 1/2W, 10%	AB		1	--				
	R31	Resistor, Composition 2.2K, 1W, 10%	AB		1	--				
	R32	Resistor, Composition 3.3K, 1/2W, 10%	AB		1	1				
	R33	Resistor, Composition 1 Meg., 1/2W, 10%	AB		1	--				
	R34	Resistor, Composition 120K, 1W, 10%	AB		1	--				
	R35	Resistor, Composition 2.2K, 1W, 10%	AB		1	--				
	R36	Resistor, Composition 1 Meg., 1/2W, 10%	AB		1	--				

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS: ①PURCHASE ORDER ②ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly = A

LING

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-12-D	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	R37	Resistor, Composition 1.5K, 1W, 10%	AB		1				
	R38	Resistor, Composition 33K, 1W, 10%	AB		1	--			
	R39	Potentiometer, Inverse Log 50K, 2W	0	CB5031	1	1			
	R40	Resistor, Composition 36K, 2W, 5%	AB		1	1			
	R41	Resistor, Composition 6.8K, 1W, 10% Nom. Value	AB		1	1			
	R42	Resistor, Composition 1 Meg., 1W, 10%	AB		1	1			
	R43	Resistor, Composition 470K, 1W, 10%	AB		1	1			
	R44	Resistor, Composition 100K, 1W, 10%	AB		1	4			
	R45	Resistor, Composition 330K, 1W, 10%	AB		1	1			
	R46	Potentiometer, Linear Taper 100K, 2W	0	CLU-1041	1	3			
	R47	Resistor, Composition 100K, 1W, 10%	AB		1	--			
	R48	Potentiometer, Linear Taper 100K, 2W	0	CLU-1041	1	--			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ NO

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-12-D	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	R49	Potentiometer, Linear Taper 100K, 2W	0	CLU-1041	1	--			
	R50	Resistor, Composition 499K, 1W, 1%	Electra	DC1-499K	1	2			
	R51	Resistor, Composition 82K, 1W, 10%	AB		1	2			
	R52	Potentiometer, Linear Taper 10K, 2W	0	CLU-1031	1	--			
	R53	Resistor, Composition 82K, 1W, 10%	AB		1	--			
	R54	Potentiometer, Linear Taper 10K, 2W	0	CLU-1031	1	--			
	R55	Potentiometer, Linear 1 Meg., 2W	0	CLU-1052	1	2			
	R56	Resistor, Wire-Wound 7.5K, 10W	0		1	1			
	R57	Potentiometer - Wire Wound 100 ohm, 4W	MA	M100Pk	1	1			
	R58	Resistor, 100K, 1/2W, 5%	AB		1	2			
	R59	Resistor 33K, 1/2W, 5%	AB		1	2			
	R60	Resistor 18K, 2W, 10%	AB		1	1			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-12-D	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	R61	Resistor 33K, 1/2W, 5%	AB		1	--			
	R62	Resistor 100K, 1/2W, 5%	AB		1	--			
	R63	Resistor 10K, 1W, 10%	AB		1	--			
	R64	Resistor 120K, 1W, 10%	AB		1	--			
	R65	Potentiometer-Linear 1 Meg., 2W	0	CLU-1052	1	--			
	R66	Resistor 100K, 1W, 10%	AB		1	--			
	R67	Resistor 499K, 1W, 1%	Electra	DC1-499K	1	--			
	R68	Resistor 5K, 5W	0	Brown Devil	1	1			
	R69	Potentiometer, Wire Wound 10K, 4W	MA	M10PK	1	1			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE. Purchase = P Fabrication = F Assembly =

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-L2-D	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	S1	Switch, Rotary, Shorting 1 Pole 5 Position	CRL	2500	1	4			
	S2	Switch, Rotary, Shorting 1 Pole 2 Position	CRL	2500	1	--			
	S3	Switch, Rotary, Shorting 1 Pole 3 Position	CRL	2500	1	--			
	S4	Switch, Rotary, Shorting 2 Pole 4 Position	CRL	2511	1	1			
	S5	Switch, Rotary, Shorting 1 Pole 2 Position	CRL	2500	1	--			
	T1	Transformer, Power	CH	PS55	1	1			
	T2	Transformer, Filament	T	F-1R-A	1	1			
	TB1	Barrier Strip, 12 contact	CJ	12-142Y	1	1			
		Marker Strip	CJ	[illegible] 14-142	1	1			
		Terminal Strip	TK	124-088	2	2			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly = A

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	☐ BASIC ☐ SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	S
	V1	Tube 6SL7-GT	RCA	6SL7-GT	1	5				
	V2	Tube 6SL7-GT	RCA	6SL7-GT	1	--				
	V3	Tube 6SL7-GT	RCA	6SL7-GT	1	--				
	V4	Tube 6SL7-GT	RCA	6SL7-GT	1	--				
	V5	Tube 6SL7-GT	RCA	6SL7-GT	1	--				
	V6	Tube 5Y3GT	RCA	5Y3GT	1	1				
	V7	Tube 0C3/VR105	RCA	0C3/VR105	1	1				
	V8	Tube 6SH7	RCA	6SH7	1	1				
	V9	Tube 6Y6G	RCA	6Y6G	1	1				
	V10	Tube 0B2	RCA	0B2	1	1				

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly = A Ou

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ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
S-12-D	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	X1	Socket, Tube Octal	AMP	77MIP-8T	1	9			
	X2	Socket, Tube Octal	AMP	77MIP-8T	1	--			
	X3	Socket, Tube Octal	AMP	77MIP-8T	1	--			
	X4	Socket, Tube Octal	AMP	77MIP-8T	1	--			
	X5	Socket, Tube Octal	AMP	77MIP-8T	1	--			
	X6	Socket, Tube Octal	AMP	77MIP-8T	1	--			
	X7	Socket, Tube Octal	AMP	77MIP-8T	1	--			
	X8	Socket, Tube Octal	AMP	77MIP-8T	1	--			
	X9	Socket, Tube Octal	AMP	77MIP-8T	1	--			
	X10	Socket, Tube 7 Pin	CJ	7XM1	1	1			
		Tube Shield 7 Pin 2-½"	ELCO	TS-102003	1	1			
		Insert, Tube Shield Heat Dissipating	ELCO	931	1	1			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly = A Ou

LTRG ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
DA-10-B	☒ BASIC ☐ SUPPLEMENT	3121	4185				

REF. SYMBOL DESIGNATION	DWG. PART NO.	DESCRIPTION (5V4PC-495)	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	QTY SHO
	4176F	Schematic			-	-				
		Silk Screen Drawing								
	3042B	Front Panel for Part No. 5031			-	-				
	3844A	Chassis for Part No. 5031			-	-				
	3121	f-29-62								
	Dir. R Lawrence									

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly = A Outsid

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	☒ BASIC ☐ SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
DA-10-B							

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	SH
	5031 AJ	Chassis Assy - Consisting of:			(1)	(1)				
5031-1		Front Panel			1	1				
5031-2		Chassis			1	1				
5031-3		Bracket			1	1				
5031-4	2120B	Terminal Board			1	1				
	2184 A	R.C. Card #1			1	1				
	3208A	R.C. Card #2			1	1				
	20420 B	Nameplate, Patents			1	1				
	30108 C	Bracket - Relay, Mtg.			1	1				
		Bracket	USE	11-5	2	2				
		Clip, Fuse	LI	107002	1	1				
		Fuse Holder	LI	147001	1	1				

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS ①PURCHASE ORDER ②ESTIMATED DELIVERY

CODE: Purchase - P Fabrication - F Assembly - A Outs

LING

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
DA-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG./PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	QTY. SH
		Spacer ¼" x ⅜"	MP		2	2				
		Tie Point, Insulated	LFR	6040D	3	3				

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly = A Outsid

LING

ENGINEERING PARTS LIST

REQ. NO.

MODEL	☐ BASIC ☐ SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
DA-10-B							

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	QTY SHO
	C1	Capacitor, Mylar Paper 0.1 mfd, 400V	PY	111-4P1	1	2				
	C2	Capacitor, Mylar Paper 0.047 mfd, 600V	PY	111-6S47	1	2				
	C3	Capacitor, Mylar Paper 0.47 mf, 400V	PY	111-4P47	1	2				
	C4	Capacitor, Mylar Paper 0.1 mfd, 400V	PY	111-4P1	1	--				
	C5	Capacitor, Mylar Paper 0.047 mfd, 600V	PY	111-6S47	1	--				
	C6	Capacitor, Mylar Paper 0.47 mfd, 400V	PY	111-4P47	1	--				
	C7	Capacitor, Paper 0.22 mfd, 400V 5%	WP	14J4224-3	1	2				
	C8	Capacitor, Paper 0.22 mfd, 400V 5%	WP	14J4224-3	1	--				
	C9	Capacitor, Metalized Paper 0.5 mfd, 400V	AR	P123ZGP	1	~~2~~ /				
	C10	Capacitor, Metalized Paper 0.1 mfd, 400V	AR	P123ZGP	1	— /				
	C11	Capacitor, Metalized Paper 4 uf, 600V	AR	730Z	1	1				
	C12	Capacitor, Pyranol 6 mfd, 600V w/type B Bracket	SA	7106-6.0	1	3				

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS ①PURCHASE ORDER ②ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly = A Outsid

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
DA-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	Q SH
	C13	Capacitor, Pyranol 6 mfd, 600V w/type B Bracket	SA	7106-6.0	1	--				
	C14	Capacitor 6 mfd, 600 VDC w/type B Bracket	SA	7106-6.0	1	--				
	C15	Capacitor, Electrolytic 50 uf, 50V	TVA	1308	1	1				
	C16	Capacitor, Paper 0.1 mfd, 1600V	AE	P84PM	1	1				
	F1	Fuse 2A, 250V, 3 AG	LI	312002	1	1				
	IS1	Indicator (Red) 6V (with T47 lamp)	DI	9141C-931	1	1				
	IS2	Indicator (Amber) 6V with T47 lamp	DI	9141C-933	1	2				
	IS3	Indicator (Amber) 6V with T47 lamp	DI	9141C-933	1	--				

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ NO

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
DA-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	QT SHO
	K1	Relay Identify as ordered		Philtrol 8DC-115-4C Code 24 Contact	1	1				
	L1	Choke 20 Hy, 30 MA	TH	TL2038	1	1				
	R1	Resistor, Composition 1 Meg, 1/2W, 10%	AB		1	7				
	R?	Resistor, Composition 47K 1W 10%	AB		1	2				
	R3	Resistor, Composition 4.3K, 1W, 5%	AB		1	2				
	R4	Resistor, Composition 1 Meg, 1/2W, 10%	AB		1	--				
	R5	Resistor, Composition 51K, 1W, 5%	AB		1	4				
	R6	Resistor, Composition 330 ohm, 1/2W, 10%	AB		1	2				

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
DA-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	QTY SHO
	R7	Resistor, Composition 51K, 1W, 5%	AB		1	--				
	R8	Resistor, Composition 20K, 1W, 5%	AB		1	2				
	R9	Resistor, Composition 510K, 1/2W, 5%	AB		1	2				
	R10	Resistor, Composition 1 Meg, 1/2W, 10%	AB		1	--				
	R11	Resistor, Composition 47K, 1W, 10%	AB		1	--				
	R12	Resistor, Composition 4.3K, 1W, 5%	AB		1	--				
	R13	Resistor, Composition 1 Meg, 1/2W, 10%	AB		1	--				
	R14	Resistor, Composition 51K, 1W, 5%	AB		1	--				
	R15	Resistor, Composition 330 ohm, 1/2W, 10%	AB		1	--				
		Resistor, Composition 91K, 1W, 5%	AB		1	--				
		Resistor, Composition 1K, 1W, 5%	AB		1	--				
		Resistor, Composition 5.1K, 1W, 5%	AB		1	--				

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly = A Outside

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
DA-10-B	X BASIC / ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	Q SH
	R19	Resistor, Deposited Carbon 499K, 1W, 1%	Electra	DCI-49[illegible]	1	2				
	R20	Resistor, Deposited Carbon 499K, 1W, 1%	Electra	DCI-499[illegible]	1	--				
	R21	Resistors, Composition 1 Meg, 1/2W, 10%	AB		1	--				
	R22	Resistor, Composition 1 Meg, 1/2W, 10%	AB		1	--				
	R23	Resistor, Composition 1 Meg, 1/2W, 10%	AB		1	-				
	R24	Resistor, Wire-Wound 10K, 10W	[illegible]	[illegible]	[illegible]	[illegible]				
	R25	Resistor, Wire-Wound 50K, 10W	[illegible]	[illegible]	[illegible]	[illegible]				
	R26	Resistor, Wire-Wound 7.5K, 10W	[illegible]	[illegible]	[illegible]	[illegible]				
	R27	Potentiometer, Wire-Wound 1000 ohm, 4W	[illegible]	[illegible]	1					
	R28	Resistor, Composition 4.7 ohm, 1W, 10%	AB		1					
	R29	Resistor, Composition 10K, 1W, 10%	AB		1					
	R30	Resistor, Composition 10K, 1W, 10%	AB		1	--				

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE Purchase - P Fabrication - F Assembly - A Outsid

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
DA-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	QT SHO
	S1	Switch, Toggle DPST	[illegible]	[illegible]	1					
	T1	Transformer, Power	CP	[illegible]	1	1				
	[illegible]	[illegible]	CJ	[illegible]	1	1				
	V1	Tube 6AN8	RCA	6AN8	1	1				

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM EX-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE Purchase - P Fabrication - F Assembly - A Outs

LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
DA-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	Q SH
	V2	Tube 6AN8	RCA	6AN8	1	--				
	V3	Tube 6H6	RCA	6H6	1	2				
	V4	Tube 6H6	RCA	6H6	1	--				
	V5	Tube 2050	RCA	2050	1	1				
	V6	Tube 5Y3	RCA	5Y3	1	1				
	XV1	Socket, Tube Noval with shield base	ELCO	[illegible]	1	1				
	XV2	Socket, Tube Noval with shield base	[illegible]	[illegible]	1	--				
	XV3	Socket, Tube Octal	AMP	[illegible]	1	--				
	XV4	Socket, Tube Octal	AMP	[illegible]	1	--				
	XV5	Socket, Tube Octal	AMP	[illegible]	1	--				

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY CODE: Purchase = P Fabrication = F Assembly = A Outs

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LING ELECTRONICS

ENGINEERING PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
DA-10-B	☒ BASIC ☐ SUPPLEMENT						

REF. SYMBOL DESIGNATION	DWG. PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED	
	XV5	Socket, Tube Octal	AMP	77MTP-8T	1	--				
		Shield, Tube, Noval 1 15/16"	ELCO	TS 103U02	2	2				
		Heat Dissipating Inserts Alternate:	BERI ELCO	75014-2 933	2	2				

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS ①PURCHASE ORDER ②ESTIMATED DELIVERY

CODE. Purchase = P Fabrication = F Assembly = A O:

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LFNG

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
[illegible]	☒ BASIC ☐ SUPPLEMENT	3603	41850				

REF. SYMBOL DESIGNATION	DWG/PART NO.	MULTI LEVEL BREAKDOWN DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY ISSUE
	5781	Schematic Diagram			1	1			
	5870	Chassis Layout *			1	1			
	42138	Front Panel *			1	1			
	42139	Silk Screen, Front Panel			1	1			
	42154	Chassis, Silk Screen			1	1			
	31L09	Cover, Chassis			1	1			
	31230	Chassis Mounting Brackets *			1 pr	1 pr			
	31288	Relay Cover *			1	1			
	31315	Printed Circuit Card			2	2			
	31681	Voltage Regulator-- I.C. Card Assy.			-	-			
	31350	Component Board			2	2			
		* SEE NOTE TWO (2)							

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

ENG

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
MSH-1(1)-3	☒ BASIC ☐ SUPPLEMENT	3-07					

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
	2167	Component Board Assembly			-	-			
		NOTE 2: ALL METAL WORK SHOULD BE FABRICATED BY ONE SHOP TO PROVIDE BEST FIT.							
		NOTE 3: CERMITE PARTS O.K. EXCEPT [illegible]							
		Terminal Strip	CJ	2003	3	3			
		Terminal Strip	CJ	2005	2	2			
		Terminal Strip	CJ	2007	1	1			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY
3			

ENG

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
ML-101-	☒ BASIC ☐ SUPPLEMENT	323					

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY ISSU
		Component Mounting Strips	PA	124-C8P with 361-009 standoff	4	4			
		Component Mounting Strips	PA	124-C9L with 361-009 standoff	22	22			
		Fuseholder	LT	342001	1	1			
		Grommet, Black Rubber 1/4" hole			4	4			
		Knob, Skirted Round	ADP	160-2-2	10	10			
		Lamp, Pilot 6.3 volt, .150 ma Midget Flanged	GE	#313	10	10			
		Marker Strip	CJ	EC-1-16-140	1	1			
		Nut - Hex. 6-32 x 3/8" long	BMS	2431	4	4			
		Spacer - Hex. 6-32 x 3/8 x 9/16" long	BMS	2427	12	12			
		Standoffs 6-32 x 3/8" O.D. x 3/8" long	USECO	155P	20	20			
		Terminal Strip.	CJ	EC-1-16-141	1	1			
		Vernier Dial Drive - NON INSULATED	N	AVD-250	5	5			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY
3			

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly =

LING

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
MLP-1021-5	☒ BASIC ☐ SUPPLEMENT	3209					

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
C1, C2, C3 C7, C9		Capacitor, Molded Mica .001 mfd 500Volt ±20%	AR	1468[illegible]	5	5			
C4, C5, C6 C8, C10		Capacitor, Metallized Paper .25 mfd 400Volts	AR	P8298A	5	5			
C11		Capacitor 40 mfd 450 Volt	Sp	PVA 1712	1	1			
C12, C13		Capacitor, Metallized Mylar 16 mfd 400 Volt w/type "A" Mtg.brackets	[illegible]	MMW[illegible]6429	2	2			
C14		Capacitor, metallized paper .5 mfd 200 Volt	AR	[illegible]	1	1			
C15		Capacitor 4000 mf [illegible] Volt	Sp	PVA [illegible]	1	1			
C16		Capacitor, Ceramic Disc 100 mmf [illegible] Volt	AR	SD-100 or equiv.	1	1			
C17 & C18		Capacitor 10 mfd [illegible] Volts	AR	160 19[illegible]5	2	2			
C19, C20 C24, C25		Capacitor 25 mfd 700 Volt	AR	[illegible]43 1-15	4	4			
C21 & C22		Capacitor .1 mfd 400 Volt	WP	MW64M-4104	2	2			
C23 & C26		Capacitor, Metallized Mylar 2 mfd 400 Volt	AI	MP20B-[illegible]5	2	2			
C27 & C28		Capacitor 30 mfd [illegible] Volts	LI	PVA 1709	2	2			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

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LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly

LING

BILL OF MATERIALS PARTS LIST

REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
[illegible]	☒ BASIC ☐ SUPPLEMENT	3803					

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY ISSUE
[illegible]		Plate, Rectifier 75ma 400V PIV epoxy	SY	SR3071	4	12			
[illegible]		Diode	SY	SR2071	5	-			
[illegible]		Lamp, Neon Glow 6.5 volt .06 Watt	GE	Type NE-2	5	5			
F1		Fuse, Slo-Blo 3 Amp	LT	313003.	2	2			
		Fuse Holder	LT	342001	1	1			
[illegible]		Lamp Assembly, Amber	MSC	VS-300K-8W7	5	5			
[illegible]		Lamp assembly, Red	MSC	VR-300K06W7	5	5			
K1-K5		Relay 115 vdc 4 pole Double Throw	[illegible]	SPC11940	5	5			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY
[illegible]			

LING FORM ES-100 ALTERNATE HEADINGS ①PURCHASE ORDER ②ESTIMATED DELIVERY CODE: Purchase = P Fabrication = F Assembly = A

LING

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
[illegible]	☒ BASIC ☐ SUPPLEMENT	[illegible]					

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
R1, R2, R3, R4, R5, R6		Resistor, Fixed, Deposited Carbon 270 K 1/2W 1%	IRC	Type DAC	5	5			
R7, R8, R9, R10, R11, R12		Not Used							
R13, R14, R15, R16, R17		Resistor, Fixed Composition 68K 2W 10%	C		5	5			
R18, R19, R20, R21, R22		Resistor, Fixed Composition 10K 1/2W 10%	C		5	5			
R23, R24, R25, R26, R27		Resistor, Fixed, Deposited Carbon 1.5K 1/2W 1%	IRC	Type DAC	5	5			
R28, R29, R30, R31, R32		Resistor, Fixed, Deposited Carbon 390K 1/2W 1%	IRC	Type DAC	5	5			
R33, R34, R35, R36, R37		Resistor, Fixed Composition 470K 1/2W 10%	C		5	5			
R38, R39, R40, R41, R42		Potentiometer, Composition (Note 1) 5K 2W	AB or C	JA1116015CNA 2-21	1	5			
R43, R44, R45, R46, R47		Resistor, Fixed, Deposited Carbon 2.5 meg 1/2W 1%	IRC	Type DAC	5	5			
R48, R49, R50, R51, R52		Potentiometer, Composition 1.0 meg 2W	AB or C	JA1116031C5NA 2B 1052	5	5			
R53, R54, R55, R56, R57		Resistor, Fixed Composition 47K 1W 10%	C		5	5			
R58, R59, R60, R61, R62		Resistor, Fixed Composition 470K 1W 10%	C		5	10			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES 120 ALTERNATE HEADINGS: (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE Purchase - P Fabrication - F Assembly - A

LTNG — ENGINEERING PARTS LIST — REQ. NO.

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
LLP-101-5	☒ BASIC ☐ SUPPLEMENT	4403					

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY ISSUE
R1, R2, R3, R4		Reference R1			5	-			
R5, R6, R7, R8, R9		Resistor, Fixed, Deposited Carbon 150K 1/2W 1%	IRC	Type DOC	5	5			
R10, R11, R12, R13, R14		Resistor, Fixed, Deposited Carbon 1.0 meg 1/2W 1%	IRC	Type DOC	5	5			
R70		Resistor, Fixed Composition 4.7 meg 1/2W 10%	C		1	1			
R77		Resistor, Fixed Composition 820 1/2W 10%	C		1	1			
R78		Resistor, Fixed Composition 33K 1W 10%	C		1	1			
R79, ~~R81~~ R80		Resistor, Fixed Composition 1.0 meg 1/2W 10%	C		2	2			
~~R80~~, ~~R84~~ R81		Resistor, Fixed Composition 10K 2W 10%	C		2	2			
R82, R83		Resistor, Fixed Composition 2.4K 1W 10%	C		2	2			
R84, R85		Resistor, Fixed Composition 1.2K 1W 10%	C		2	2			
R7, R8, R9, R10, R11		Potentiometer, Composition (Note 2) 2.5 meg 1.0g CW	~~C~~ CTS AB	~~AB 2531~~ JA2531 JAIN100P253RA	5	5			
R12, R13, R14, R15		Resistor, Fixed Composition 22 ohm 2W 10%	C		5	5			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY
7			

CODE: Purchase = P Fabrication = F Assembly

PURCHASE ORDER ESTIMATED DELIVERY

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
MIP-10.-5	☒ BASIC ☐ SUPPLEMENT	3204					

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
R97		Not Used							
R98, R99, R100, R101, R102		Resistor 10K 2W 5%	C		5	5			
R103, R121		Resistor, 10 ohm 2W 10%	AB		2	2			
R104, R105		Resistor, 350 ohm 20W W.W.	C		2	2			
R106, R107, R122, R123		Resistor 1.5 meg 1W 5%	AB		4	4			
R108, R109		Resistor 470 ohm 1/2W 5%	AB		2	2			
R110, R111		Resistor 33 ohm 1W 5%	AB		2	2			
R112		Resistor 510K 1/2W	AB		1	1			
R113, R127		Resistor, 39K 1W 5%	AB		2	2			
R114, R115		Resistor 47K 1W 5%	AB		2	2			
R116, R117, R124		Resistor 470K 1W 5%	AB		3	3			
R118, R119		Resistor 47K 1/2W 5%	AB		2	2			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY CODE: Purchase = P Fabrication = F Assembly = A

LING

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
MM-2081-9	☒ BASIC ☐ SUPPLEMENT	3203					

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
R117 R131		Resistor 82K 1W 5%	AB		2	2			
R118, R132		Resistor 6.8K 1W 1%	WEI or equiv.		2	2			
R119 R133		Potentiometer 25K 2W LIN	CRA	LCN-1W-25K	2	2			
R120, R134		Resistor 15K 1W 1%	WEL or equiv.		2	2			
R103		Resistor 47 ohm 1W 5%	AB		1	1			
R104		Resistor 470 ohm 1W 5%	AB		1	1			
R113 R129		Resistor 360 ohm 2W 5%	AB		2	2			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY
7			

LING FORM ES 100 ALTERNATE HEADINGS ① PURCHASE ORDER ② [illegible] DELIVERY

CODE: Purchase = P Fabrication = F Assembly = [illegible]

Bill

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
[illegible]-101-[illegible]	☒ BASIC ☐ SUPPLEMENT	[illegible]					

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY. ISSUED
[illegible]		Switches, 4 pole double throw	[illegible]	1600[illegible]	2	2			
[illegible]		Switch	CRL	[illegible]	1	1			
[illegible]		Transformer	[illegible]	[illegible]	1	1			
[illegible]		Transformer	UTC	P14	1	1			
[illegible]		Transformer	[illegible]	A111	1	1			
V1, V3, V5 V7, V9		Electron Tube, High-MU Twin Triod	RCA	Type 5751	5	5			
V2, V4, V6 V8, V10		Electron Tube, High-MU Triode Sharp Cutoff Pentode	RCA	Type 7734	5	5			
V11		Electron Tube,	RCA	Type 12AT7	1	1			
V12		Electron Tube, High-MU Twin Triode	RCA	Type 6CG7	1	1			
V13		Tube, 6CG7	RCA	6CG7	1	1			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY
10			

LING FORM ES-100 ALTERNATE HEADINGS ①PURCHASE ORDER ②ESTIMATED DELIVERY CODE: Purchase = P Fabrication = F Assembly =

LINC

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
MIT-101-5	☒ BASIC ☐ SUPPLEMENT	3203					

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY ISSUE
V14 V17		Tube, 12AX7	RCA	12AX7	2	2			
V15 V18		Tube, 5651	RCA	5651	2	2			
V16		Tube, 6AU5	RCA	6AU5	1	1			
XV1- XV12		Sockets, Tube 9 Pin Shield Base	[illegible]	[illegible]	12	12			
XV13 XV16		Tube Socket, Octal	[illegible]	[illegible]	2	2			
XV14 XV17		Tube Socket, P.C. - 9 Pin	[illegible]	[illegible]	2	2			
XV15 XV18		Tube Socket, P.C. - 7 Pin	[illegible]	[illegible]	2	2			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY

LINC FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY

CODE: Purchase = P Fabrication = F Assembly =

MODEL	BASIC / SUPPLEMENT	SHOP ORDER	L-NO.	QUANTITY	PURCHASE	RELEASE	SCHEDULE
[illegible]	☒ BASIC ☐ SUPPLEMENT	[illegible]					

REF. SYMBOL DESIGNATION	DWG/PART NO.	DESCRIPTION	MFG.	MFG. PART NO.	QTY / ASSY	QTY / UNIT	CODE	TOTAL REQ.	QTY ISSUE
		Shield - [illegible]	[illegible]	[illegible]	[illegible]	2			
		Shield - [illegible]	[illegible]	[illegible]	2	2			
		Gaskets, [illegible]	[illegible]	[illegible]	12	12			
		Insert - Heat Dissipation	[illegible]	[illegible]	2	2			
		Insert - Heat Dissipation	[illegible]	[illegible]	2	2			

DEPARTMENT	ISSUED BY	ISSUE DATE	RECEIVED BY
12			

LING FORM ES-100 ALTERNATE HEADINGS (1) PURCHASE ORDER (2) ESTIMATED DELIVERY CODE: Purchase = P Fabrication = F Assembly = A

RECOMMENDED SPARE PARTS
FOR
S-10-B

PAGE 1 OF ____

REVISION ____

DATE ____

RECOMMENDED SPARE PARTS

FOR

_____

SYMBOL DESIG.	PART NUMBER	DESCRIPTION	QTY. RECOMM. SPARES	REMARKS

RECOMMENDED SPARE PARTS
FOR
S-10-B (Schematic 4090 P)

SYMBOL DESIG.	PART NUMBER	DESCRIPTION	QTY RECOM. SPARES	REMARKS
IS1	*see remarks	Indicator	*	Three Spare #47 bulbs only.
R17	M500PK	Potentiometer, Wirewound 500ohm, 4W	1	
R31	O Brn Devil	Resistor, Wirewound 10K 5W	1	
R32	SP 453E4025	Resistor, Wirewound Noninductive 4K, 5W	1	
R37	AB	Resistor, Composition 2.2K ½W 1%	1	
R56	MA M50MPK	Potentiometer, Wirewound 50K, 4W	1	
R61	O CLU 5031	Potentiometer, Locking Type 50K 2W Linear Taper	1	
R68	MA M100PK	Potentiometer, Wirewound 100Ω, 4W	1	
R71, R72	CU 220-1-203	Potentiometer 20K	1	
V1, V4 V6,V7,V8	RCA 6SN7-GTB	Tube	2	
V2, V3	6L7	Tube	*	*One Pair Balanced
V5	RCA 5687	Tube	1	
V9,V10	RCA 6H6	Tube	1	

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REVISION ____

DATE 4-25-62

RECOMMENDED SPARE PARTS

FOR

SYMBOL DESIG.	PART NUMBER	DESCRIPTION	QTY. RECOMM. SPARES	REMARKS

LING ELECTRONICS Division, Ling-Temco-Vought, Inc.
1515 South Manchester Avenue, Anaheim, California

RECOMMENDED SPARE PARTS
FOR
S-12-D

PAGE 1 OF _____

REVISION _____

DATE _____

RECOMMENDED SPARE PARTS

FOR

_____

SYMBOL DESIG.	PART NUMBER	DESCRIPTION	QTY. RECOMM. SPARES	REMARKS
C				
	3M6474-			
C 2				

REVISION _____

DATE _____

RECOMMENDED SPARE PARTS

FOR

_____

SYMBOL DESIG.	PART NUMBER	DESCRIPTION	QTY. RECOMM. SPARES	REMARKS
	Std.			
incl				

RECOMMENDED SPARE PARTS

FOR

(Schematic 410[illegible])

SYMBOL DESIG.	PART NUMBER	DESCRIPTION	QTY. RECOMM. SPARES	REMARKS
[illegible]				

RECOMMENDED SPARE PARTS
FOR
DA-10-B CHASSIS Schematic 4176-B

SYMBOL DESIG.	PART NUMBER	DESCRIPTION	QTY RECOMM. SPARES	REMARKS
C1,C4	111-4P1	Capacitor, Mylar Paper 0.1 mfd, 400V	1	
C2,C5	111-6S47	Capacitor, Mylar Paper 0.47 mfd, 600V	1	
C3,C6	11-6P22	Capacitor, Mylar Paper 0.22 mfd, 600V	1	
C7,C8	11-RP1 -5%	Capacitor, Mylar Paper 0.1 mfd 400 V	1	
C9,C10	P123ZGP	Capacitor, Metallized Paper 0.5 mfd, 400 V	1	
C15	TVA-1308	Capacitor, Electrolytic 50 uf, 50V	1	
C16	CT-16P1	Capacitor, Paper 0.1 mfd, 1600 V	1	
F1	-	Fuse, 2 amp, 250 V, 3AG	3	
IS1,IS2, IS3	*see remarks	Indicator	*	6 Spare bulbs only - #47
R27	M1MPK	Potentiometer, Wire Wound 1000 ohm, 4 W	1	
S1	8099A-BD	Switch, Toggle, DPST	1	
V1,V2	6AN8	Tube	1	
V3,V4	6H6	Tube	1	
V5	2050	Tube	1	
V6	5Y3	Tube	1	

RECOMMENDED SPARE PARTS
FOR
MLP-101-5

SYMBOL DESIG.	PART NUMBER		DESCRIPTION	QTY. RECOMM. SPARES	REMARKS
CR1-CR4	1N2071	SY	Diode, Rectifier 750 ma, 600 V, PIV Epoxy	4	
I1 thru I10	328	GE	Lamp, Pilot 6.3 V, 200 ma, Midget Flanged	5	
R1,R16, R31, R46,R61	Type DDC	IRC	Resistor, Fixed, Deposited Carbon, 270 K, ½ W, 1%	2	
R5,R20, R35,R50,R64	Type DDC	IRC	Resistor, Fixed, Deposited Carbon, 125 K, ½ W, 1%	2	
R6,R21,R36 R51,R66	Type DDC	IRC	Resistor, Fixed, Deposited Carbon, 680 K, ½ W, 1%	2	
R8,R23, R38,R53,R68	JA1N100P502UA	AB	Potentiometer, Composition 2 W, 5 K	1	Alternate - Ohmite #CU5021
R9,R24, R39,R54,R69	Type DDC	IRC	Resistor, Fixed, Deposited Carbon, 1.5 Meg, ½ W, 1%	2	
R10,R25, R40,R55,R70	JA1L100S105MA	AB	Potentiometer, Composition 1.0 Meg, 2 W	1	Alternate - Ohmite #CLU1051
R14,R29, R44,R59,R74	Type DDC	IRC	Resistor, Fixed, Deposited Carbon, 150 K, ½ W, 1%	2	
R15,R30, R45,R60,R75	Type DDC	IRC	Resistor, Fixed, Deposited Carbon, 1.0 Meg, ½ W, 1%	2	
R87,R88, R89,R90,R91	CU2531	O	Potentiometer, Composition 2.5 Meg, 2 W, Log CW	1	

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RECOMMENDED SPARE PARTS
FOR
MLP-101-5

SYMBOL DESIG.	PART NUMBER		DESCRIPTION	QTY. RECOMM. SPARES	REMARKS
V1,V3,V5 V7,V9	Type 5751	RCA	Electron Tube, High-Mu Twin-Triode	2	
V2,V4,V6 V8,V10	Type 7199	RCA	Electron Tube, High-Mu Triode Sharp Cut-off Pentode	1	
V12	Type 6201	RCA	Electron Tube, High-Mu Twin Triode, Cut-off Pentode	1	
V13-V17	Type NE-2	GE	Lamp, Glow, Neon 6.5 V, .06 Watt	1	

CODE TO MANUFACTURERS

AA	AIR ASSOCIATES
AB	ALLEN BRADLEY
AC	ASTRON CORPORATION
ACDC	ACDC ELECTRONICS
AD	ADVANCE RELAY
AD-YU	AD-YU LABS
ADEL	ADEL
AH & H	ARROW-HART & HEGEMAN
AI	AIRCRAFT
AIRM	AIR MARINE PRODUCTS
ALB	ALBION
ALL	ALLIS CHAMBERS
AMC	AMSCO
AME	AMPERITE CO.
AMM	AMMON INSTRUMENTS INC.
AMP	AMPHENOL
AMPX	AMPEX
AP	AIR PAX
APH	ALPHA
API	AMERICAN PAMCOR INC.
AQ	AEROQUIP
AR	AEROVOX
ARCO	ARCO ELECTRONICS
ARM	ARMSTRONG CORK CO.
AS	ASSOCIATED SPRING
ASP	ASSEMBLY PRODUCTS
AUTO	AUTOMATIC ELECTRIC
BAS	BASSICK
BC	BARBAR COLMAN
BECK	BECKMAN INSTRUMENTS
BEL	BELDEN
BEN	BENDIX
BG	BOSTON GEAR
BI	BIRNBACH
BIRT	BIRTCHER
BO	BODINE
BOU	BOURNS "TRIMPOT"
BOW	BOWERS
BP	BOGEN-PRESTO
BRE	BREEZE "AERO SEAL"
BRY	BRAYANT
BUD	BUD
BUCH	BUCHANAN
BUG	BUGGIE
BUR	BURROUGHS
BUSS	BUSSMAN MFG.
B & K	BRUEL & KJAER
C	CHATHAM
CA	CARLING ELECTRIC
CAL	CALIDYNE
CALC	CALIFORNIA CHASSIS
CAN	CANNON
CCI	CONTINENTAL CARBON, INC.
CD	CORNELL DUBILIER
CH	CHICAGO STANDARD TRANS.
CHD	CROUSE HINDS
CHSH	CHASE-SHAWMUT
CI	CINEMA
CJ	CINCH-JONES
CK	CONROY & KNOWLTON
CL	CLARK CONTROLER CO.
CLAR	CLAROSTAT
CM	COMPUTER MEASUREMENTS
COR	CORNISH
CP	COMMUNICATION PROD.
CRA	CRAMER
CRAF	CRAFTSMAN
CRIT	CRITTENDEN
CRL	CENTRALAB
CRN	CRANE
CT	CHASSIS TRAK
CU	CURTIS
CUT	CUTLER HAMMER
D & H	D & H AWNING
DA	DAYTON
DALE	DALE
DECO	DEECO
DI	DIALITE CORP. (DIALCO)
DICO	DIAMOND MFG. (DICO)
DM	DIAMOND METAL
DRAK	DRAKE - ATWOOD
DUC	DUCOMMON
DUM	DUMOND
DY	DYMEC
ECK	ECKTRONICS
ED	EDCLIFF INST.
EEW	ELECTRO ENG. WORKS
EF	ELECTRO FAB.
EI	EIMAC
EM	ELECTRO-MEASUREMENTS
ELCO	ELCO
ELTC	ELECTRAC
EMC	EMCOR
EMEC	EMEC
EMP	EMPCO
ENDV	ENDEVCO
EP	ENGINEERING PROD.
ER	ERIE
ERA	ELECTRONIC RESEARCH ASSOC.
ERC	ELECTRA RESISTOR CORP.
ES	EAGLE SIGNAL
ESCO	ELECTOR-SWITCH CORP.
ESX	ESSEX
F	FENWAL
FAN	FANSTEEL
FED	FEDERATED
FEI	FEDERAL ENTERPRISE, INC.
FF	FEDERAL FASTENING
FP	FISHER-PORTER
FR	FRANZ
FU	FULLER
ITT	FEDERAL (IT & T)
G	GRAYBAR
GA	GATES
GC	GENERAL CEMENT
GCON	GENERAL CONTROL
GE	GENERAL ELECTRIC
GLA	GEELAR
GL	GLOBAR
GR	GENERAL RADIO
GRIS	GRIGSBY CO.
GU	GUDEMAN
GV	G. V. CONTROL
HAW	HARTWELL
HAYS	HAYS MFG.
HE	HEINEMANN
HP	HEWLETT PACKARD
HGR.	H. G. REISING
HL	HELIPOT
HOF	HOFFMAN
HOP	HOPKINS
HS	HARDWARE SPEC.
HU	HUBBEL
HY	HYCOR
HYD	HAYDON
IGNS	INGERSOL RAND
IL	ILSCO
ILG	ILG
IMP	IMPERIAL
INSU	INSULINE
IRC	INT. RESISTOR CORP.
IREC	INT. RECTIFIER CORP.
IS	INSULATION SUPPLY
ITE	ITE CIRCUIT BREAKER
J	JOHNSON
JAN	JAN HARDWARE MFG.
JE	JEFFERSON
JEN	JENSEN
K	KIERLUFF
KENR	KEINER
KH	KRON-HITE
KT	KOOLTRONIC
KU	KULKA
KZ	KURZ-KASCH
LA	LYNCH ASBESTOS
LAMB	LAMBDA
LAR	L. A. RESISTOR
LE	LEACH
LER	LERCO
LI	LITTLE FUSE
LING	LING ELECTRONICS DIV.
LMB	LMB
LP	LAPP
LPD	LA-DEAU PROD.
LUNK	LUNKENHEIMER
M	MILLEN
MA	MALLORY
MD	MICRODOT
ME	METTSCRAFT
MEC	MEC
MH	MINNEAPOLIS HONEYWELL
MICA	MICAMOLD
MIN	MINARIK
ML	MACHLETT
MLR.	MILLER CO.
MMN	MARMON
MN	MARION
MON	MONITOR
MOSE	MOSELEY
MOSS	MOSSMAN
MRC	MARCO
MRY	MURRAY
MS	MICROSWITCH
N	NATIONAL CO.
NC	NATIONAL WIRE & CABLE
NE	NETWORK MFG.
NEI	NATIONAL ELECTRONICS INC.
NEP	NATIONAL ELECTRICAL PROD.
NHBB	NEW HAMPSHIRE BALL BEARING
NIBCO	NORTHERN INDIANA BRASS
NL	NATIONAL LOCK
O	OHMITE
OZ	O.Z. ELECTRICAL MFG CO.
PAN	PANDUIT
PE	PEERLESS
PENN	PENN CONTROL
PER	PERMOID
PH	PHILLIPS CONTROL (PHILTROL)
PHIL	PHILBRICK RESEARCH
PREM.	PREMIER METAL PROD.
PRKR	PARKER ELECTRICAL INST.
PRYN	PRYNE
PTB	POTTER - BRUMFIELD
PY	PYRAMID
QE	QUALITY ELECTRIC
R	ROTRON
RAY	RAYTHEON
RBC	RUBBERCRAFT
RCA	RADIO CORP. OF AMER.
RCC	RADIO CONDENSER CO.
RDL	RADIO DEVELOPMENT LAB
RE	REPUBLIC GLASS
REN	RENBRANDT
ROB	ROBERTSHAW-FULTON CON.
ROME	ROME
RT	RATIGAN
RY	RYTRON
S	SIMPSON
SA	SANGAMO
SAR	SARAN
SE	SERVICE
SEP	STANDARD ELECT. PROD.
SH	SHALL CROSS
SI	SIGMA
SIE	SOUTHWESTERN IND. ENG.
SKT	SARKES TARZIAN
SK	SPENCER-KENNEDY-LABS.
SM	STANLEY MORRIS
SMC	SPECIALTIES MFG.
SMI	SMITH HERMAN
SOLA	SOLA ELECTRIC
SOR	SORENSON
SP	SPRAGUE
SPR	SUPREME
SQ	SQUARE D
SR	SIERRA ELECT. CORP.
SREC	STANDARD RECTIFIER
SS	SPECTRA-STRIP
STAH	STAHLIN BROS.
STAN	STANTRON
STW	STANDARD WIRE & CABLE
SU	SUPERIOR ELECTRIC
SUPT	SUPRENANT
SW	SWITCHCRAFT
SWGL	SWAGELOCK
SY	SYLVANIA
T	TRIAD
T & B	T & B (CONNECTORS)
TH	THERMADOR
TI	TEXAS INSTRUMENT
TIC	TECHNOLOGY INST. CORP.
TNG	TUNGSOL
TR	TRUMBEL
TRAN	TRANSELECTRONICS
TRE	TRERICE
TRIM	TRIMM
TRID	TRID LABS. INC.
TX	TEKTRONIX
UI	UNISTRUT
UN	UNIMAX
USDC	U. S. ELECT. DEVEL.
USEC	U. S. ENG. CO.
USG	U. S. GAUGE
UTAH	UTAH
UTC	UNITED TRANSFORMER
VAL	VALOR INSTRUMENTS INC.
WA	WALSCO
WAT	WATERS
WB	WARNER BRAKE
WC	WEST COAST (WESCO)
WE	WESTINGHOUSE
WEL	WELWYN
WES	WESTON
WH	WAHLGREN
WHD	WEATHERHEAD
WK	WECKESSER
WL	WARD LEONARD
WP	WESTCAP
WRMD	WIRE MOULD
WRNE	WESTERN ELECTRIC
WSPT	WESTPORT
WYCO	WYCO METAL PROD.
YO	YOUNG RADIATOR

Ling equipment is manufactured under one or more of the following patents:

2,599,036	Electrodynamic Reciprocation Apparatus
2,789,237	Electrodynamic Vibration Test Equipment
2,810,842	Vibration Generator
2,820,161	Electromagnetic Vibration Generator
2,835,832	Vibration Generating Apparatus
2,846,597	Leakage Flux Compensating Coil
2,846,598	Vibration Generator
2,925,503	Vibration Test Apparatus
3,018,541	Armature Assembly
3,004,178	Vibration Generator
3,049,913	Environmental Test Apparatus
2,502,132	Pickup on Acceleration Recorders
2,944,194	Four Pole Transducer
2,907,838	Electrical Equalizer in Amplifier Circuit
2,935,671	Power Controlling Electrical Circuit
2,888,526	Peak and Notch Filters
2,844,777	Vibration Servo Amplifiers
2,935,672	Displacement-Acceleration Control Circuits
2,985,840	Gain Control Amplifier
3,010,099	Multiple Limiter-Clipper Amplifiers

Trademark Sine-O-Matic 687,926

LTV

LING-TEMCO-VOUGHT, INC.

LING ELECTRONICS DIVISION

MP MASTER

MA34225